



The CCS 461E is a refined Cleanroom ceiling speaker with a peak power of 9W, specifically designed for cleanroom environments. Its IP 66 rating ensures its suitability to deploy in environments like semiconductor fabrication facilities, wafer fabs, food processing plants, pharmaceutical manufacturing, and other industries demanding high standards of cleanliness. The speaker offers excellent audio performance, delivering clear speech and high-quality music broadcasting. Its durable, easy-to-clean exterior meets the rigorous standards of cleanroom environments, making it an ideal choice for maintaining both functionality and compliance in critical areas.

- Exceptional voice and music reproduction
- High-strength ABS material
- Ceiling recessed installation, quick and easy setup
- Perfectly integrates into all indoor environments
- Complies with CE standards
- Ingress Protection (IP) rating of IP66



CCS 461E

Technical Specification

| | CCS 461E |
|----------------------------------|---------------------|
| Maximum Power | 9W |
| Rated Power | 6W |
| Power Taps | 6W/3W |
| Sensitivity (1m/1W) | 88dB |
| Max SPL (1m/6W) | 95dB |
| Effective Frequency Range | 190Hz - 20kHz |
| Input Voltage | 100V |
| Rated Impedance | 8Ω |
| Connector | Three-core cable |
| Operating Temperature | -25°C to +55°C |
| Storage Temperature | -40°C to +70°C |
| Relative Humidity | <=95% |
| Speaker Size | 4" |
| Panel | ABS |
| Grille | White aluminum mesh |
| Product Color | White (RAL9016) |
| Dimensions | Dia. 140 x 80mm |
| Weight | 0.795kg |

Frequency Response

SPL vs Freq
